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Nippon SPA2000BT Hybrid Digital Receiver Amplifier User Manual

Model: SPA2000BT

Introduction

This user manual provides detailed instructions for the setup, operation, and maintenance of your Nippon SPA2000BT Hybrid Digital Receiver Amplifier. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

Product Overview

The Nippon SPA2000BT is a 2000W Max Hybrid Digital Receiver Amplifier featuring a built-in tuner and USB playback capabilities. It is designed to provide robust audio amplification for various applications, including home audio systems. The unit includes multiple input options, including AUX, USB, and Bluetooth connectivity, along with microphone inputs for versatile use.



Figure 1: Front panel of the SPA2000BT Hybrid Digital Receiver Amplifier. This image displays the power button, AUX and headphone jacks, USB port, control buttons for playback and tuner, the digital display, input selection buttons, and master volume control, along with microphone volume, tone, and echo controls.

Setup

1. Unpacking

Carefully remove the amplifier from its packaging. Retain the packaging materials for future transport or storage.

2. Placement

Place the amplifier on a stable, flat surface. Ensure adequate ventilation around the unit to prevent overheating. Avoid placing it near heat sources, direct sunlight, or in areas with high humidity.

3. Connections

Before making any connections, ensure the amplifier is powered off and unplugged from the mains outlet.

- **Speaker Connections:** Connect your passive speakers to the speaker terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for each speaker.
- **Audio Input (AUX):** Connect external audio sources (e.g., CD player, DVD player, smartphone) to the AUX input jacks on the front or rear panel using appropriate audio cables.
- **USB Input:** Insert a USB flash drive containing audio files into the USB port on the front panel.
- **Microphone Input:** Connect microphones to the MIC 1 or MIC 2 input jacks on the front panel.
- **Power Connection:** Once all audio and speaker connections are made, connect the power cord to the amplifier's power inlet and then to a suitable AC power outlet.

Operating Instructions

1. Powering On/Off

Press the **POWER** button on the front panel to turn the amplifier on or off. The digital display will illuminate when the unit is powered on.

2. Input Selection

Use the **INPUT** button on the front panel to cycle through available audio sources: AUX, USB, Tuner, and Bluetooth.

3. Volume Control

Rotate the large **MASTER VOL** knob to adjust the overall output volume. For microphone volume, use the **MIC VOL** knob.

4. USB Playback

Insert a USB flash drive into the USB port. The amplifier will automatically switch to USB mode and begin playing compatible audio files. Use the **PREV**, **NEXT**, and **PLAY/PAUSE** buttons to control playback.

5. Tuner Operation (AM/FM)

Select the Tuner input. Use the **AM/FM** button to switch between AM and FM bands. Use the **PREV** and **NEXT** buttons to manually tune or press and hold for auto-scan. The **AUTO SCAN** button can be used for automatic station searching.

6. Bluetooth Pairing

Select the Bluetooth input. The amplifier will enter pairing mode. On your Bluetooth-enabled device, search for "SPA2000BT" and connect. Once paired, you can stream audio wirelessly to the amplifier.

7. Microphone Controls

Adjust microphone volume using the **MIC VOL** knob. Use the **MIC TONE** knob to adjust the tonal quality of the microphone input. The **ECHO** knob controls the echo effect for the microphones.

Maintenance

- **Cleaning:** Disconnect the power cord before cleaning. Use a soft, dry cloth to wipe the exterior of the amplifier. Do not use liquid cleaners or abrasive chemicals.
- **Ventilation:** Ensure that the ventilation openings are not blocked. Dust accumulation can be removed with a soft brush or vacuum cleaner.
- **Storage:** If storing the amplifier for an extended period, unplug it from the power outlet and store it in a cool, dry place, preferably in its original packaging.

Troubleshooting

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet faulty; Amplifier fuse blown.	Ensure power cord is securely connected. Try a different outlet. Contact service if fuse is suspected.
No sound output	Incorrect input selected; Volume too low; Speaker wires disconnected; Mute function active.	Select correct input. Increase master volume. Check speaker connections. Ensure unit is not muted.
Distorted sound	Volume too high; Incorrect speaker impedance; Damaged audio cable.	Reduce volume. Ensure speakers match amplifier impedance. Replace audio cables.
Bluetooth pairing issues	Device too far; Amplifier not in pairing mode; Interference.	Move device closer. Ensure amplifier is in Bluetooth input mode. Reduce interference from other devices.

Specifications

- **Model:** SPA2000BT
- **Brand:** Nippon
- **Power Output:** 2000W Max
- **Channels:** 2
- **Input Options:** AUX, USB, Bluetooth, Tuner (AM/FM), Microphone
- **Mounting Type:** Freestanding
- **Item Weight:** 18 Pounds
- **UPC:** 801964270504

Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Nippon website. Keep your purchase receipt as proof of purchase for warranty claims.
For further assistance, you may contact customer support through the details provided on the manufacturer's website.

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